

Title (en)
STRAIN OF MICROORGANISM CLONOSTACHYS ROSEA F. CATENULATA AS A BIOFUNGICIDE, PLANT GROWTH STIMULANT AND METABOLITE PRODUCER FOR AGRICULTURAL USE

Title (de)
STAMM DES MIKROORGANISMUS CLONOSTACHYS ROSEA F. CATENULATA ALS BIOFUNGIZID, PFLANZENWACHSTUMSSTIMULANS UND METABOLITERZEUGER ZUR ANWENDUNG IN DER LANDWIRTSCHAFT

Title (fr)
SOUCHE DE MICRO-ORGANISME CLONOSTACHYS ROSEA F. CATENULATA UTILISÉE COMME BIOFONGICIDE, STIMULATEUR DE CROISSANCE DE PLANTES ET PRODUCTEUR DE MÉTABOLITES À USAGE AGRICOLE

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Abstract (en)
[origin: EP3626815A1] The invention relates to biotechnology and agricultural microbiology, more particularly to producing bacterial strains with fungicidal, antibacterial and growth-stimulating properties. A strain VKPM-F 1324 of *Clonostachys rosea* f. *catenulata* was produced. This strain demonstrates fungicidal properties and growth-stimulating activity and can be used as a crop protection product against various diseases caused by fungal and bacterial phytopathogens. Moreover, the strain is a producer of valuable metabolites, such as amino acids and phytohormones, which are used in agriculture. The invention, by virtue of the properties thereof, makes it possible to increase crop yield.

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